

**OPERATING PERMIT FOR FACILITIES
RECEIVING SOLID WASTE**

TYPE OF FACILITY

Sanitary Landfill

FACILITY/PERMIT NUMBER

33-AA-0008

NAME AND STREET ADDRESS OF FACILITY

Double Butte Sanitary Landfill
31710 Grand Avenue
Winchester, CA

NAME AND MAILING ADDRESS OF OPERATOR

Robert A. Nelson, Director
County of Riverside
Department of Waste Management
1995 Market Street
Riverside, CA 92501

PERMITTING ENFORCEMENT AGENCY

Local Solid Waste Management Enforcement
Agency for Riverside County

CITY/COUNTY

County of Riverside

PERMIT

This permit is granted solely to the operator named above, and is not transferrable.

Upon a change of operator, this permit is subject to revocation.

Upon a significant change in design or operation from that described by the Plan of Operation or the Report of Station or Disposal Site Information, this permit is subject to revocation, suspension, or modification.

This permit does not authorize the operation of any facility contrary to the State Minimum Standards for Solid Waste Handling and Disposal.

This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other government agencies.

The attached permit findings, conditions, prohibitions, and requirements are by this reference incorporated herein and made a part of this permit.

APPROVED:


APPROVING OFFICER

John M. Fanning, Director
Department of Environmental Health
NAME/TITLE

AGENCY ADDRESS

1737 Atlanta Avenue, Building H-5
Riverside, CA 92507

AGENCY USE/COMMENTS

Property Owner: County of Riverside

PERMIT RECEIVED BY CWMB

SEP 27 1992

CWMB CONCURRENCE DATE

OCT 29 1992

PERMIT REVIEW DUE DATE

DEC 1 1997

PERMIT ISSUED DATE

DEC 1 1992

SEAL

**Permit for Double Butte Sanitary Landfill
33-AA-0008**

SITE HISTORY

On June 22, 1972, The California Regional Water Quality Control Board - Santa Ana Region issued Order No. 72-29. The Double Butte Landfill was opened to the public in December 1973. The Local Solid Waste Management Enforcement Agency for Riverside County (LEA) issued a solid waste facilities permit on May 29, 1979. The Riverside County Department of Waste Management submitted an application for a permit review on July 24, 1989, which revealed that significant changes had taken place. The purpose of this permit revision is to address increases in tonnage, change in closure date and reduced hours of operation.

FINDINGS:

1. A. This facility is owned and operated by:

County of Riverside
Department of Waste Management
1995 Market Street
Riverside, California 92501

- B. The site encompasses 580.0 acres with 93 acres landfilled and no increase in footprint planned. Existing landfill areas will be brought to final grade (Report of Disposal Site Information Double Butte Sanitary Landfill-August 1992 (RDSI), page 11, Exhibit A & figure 8). The site is located in Section 20, Township 5 South, Range 2 West, except the southwest one-quarter of the northwest one-quarter, and the northwest one-quarter of the southwest one-quarter; and the west one-half of the southwest one-quarter of section 21, Township 5 South, Range 2 West, San Bernardino Base and Meridian. The site access road is located between Leon Road and Highway 74 on Grand Avenue (RDSI, page 11).

The RDSI contains a vicinity map of the facility in figure 3 and a detailed map of the landfill site is found in exhibit C of that document.

- C. The facility is provided with electricity, bottled water, two chemical toilets, telephone and radio transmitter/receiver and hand washing facility (RDSI, page 4).

At the entrance to the facility is the gate for site security, fee collection booth and scale. The operation compound provides the storage facility for the equipment and office. Other structures on the site not related to landfill operations are residential buildings occupied by park staff and currently unused structures relating to the parks equestrian activities (RDSI, page 12, Exhibit C).

- D. Non-hazardous solid wastes received at this facility consists of general residential waste, commercial waste and special wastes as indicated in Specifications, section 4. Neither hazardous waste nor non-hazardous liquid waste are accepted at this landfill (RDSI, page 8).

Special Wastes such as dead animals, if accepted, are buried immediately (RDSI, page 9). Soil that has been contaminated at a non-hazardous level is received after approval from the Regional Water Quality Control Board - Santa Ana Region and the Riverside County Department of Health (Hazardous Material Management Program and the LEA). Approved contaminated soils are not used for daily cover (RDSI, page 9).

- E. In 1990 this facility averaged 353 tons per day (RDSI, page 9). Recent weighed tonnage indicates an average of 297 tons per day. The site can handle an anticipated maximum daily sustained, ongoing load of 350-500 tons per day (RDSI, page 1). This facility has reduced its hours of operation from 8.5 to 4.5 hours per day. The receipt of construction waste is prohibited. The maximum allowable tonnage is 600 tons per day (Environmental Assessment No. 35526 [E.A.] Mitigation Measure IA; RDSI, pages 1, 2 & 9).
- F. Refuse enters the site and is weighed at the scale house. Signs then direct vehicles to the active face where the traffic controller directs unloading. Refuse is disposed of using the area method of landfilling. Solid waste is spread and compacted into thin layers with a working face 100-150 feet long. At the end of each working day compacted refuse is covered with at least six inches of compacted soil; this constitutes a waste cell (RDSI, page 1, 2).
- G. There is no salvaging of materials at the Double Butte site at this time. In response to the mandates of the California Integrated Waste Management Act of 1989, the County has adopted a plan to divert useful materials from county landfills by 1992. This will be achieved through promoting source reduction, recycling and composting (RDSI page 7).
- H. Incoming loads are inspected randomly. When unacceptable or hazardous wastes are discovered, the waste will be isolated from the public and the site operations. The proper authorities will be notified as per the "Protocol for Handling of Improperly Disposed of Hazardous Waste at Class III County Solid Waste Facilities" (RDSI, Appendix A).

Landfill employees are currently trained to recognize potentially hazardous wastes. There are signs at the entrance to the facility listing prohibited hazardous wastes.

Should unlawful disposal of hazardous waste occur the operator shall follow the "Protocol for Handling of Improperly Disposed of Hazardous Waste at Class III County Solid Waste Facilities" that includes immediately notifying (RDSI, pages 4 & 10):

Riverside County
Department of Environmental Health
Hazardous Materials Branch
4065 County Circle Drive
Riverside, CA 92503
(714) 358-5055

A hazardous waste load checking program is being developed for the Double Butte landfill. It will involve a Hazardous Materials Specialist from the Department of Environmental Health making periodic checks of incoming waste loads to determine if household or commercial hazardous wastes are present. Hazardous wastes discovered in this process will be isolated from other waste and temporarily stored on-site prior to being transported to a Class I disposal site. The Specialist will conduct an investigation to identify the hazardous material and determine the source of commercial hazardous wastes and assure proper disposal of the material. A site specific EPA generator number will be obtained prior to commencing the load checking program. Additionally, the load checking program must be approved by the LEA and be included as an amendment to the RDSI following the LEA's approval.

- I. The following are anticipated changes which may take place within the next five (5) years:
 - A. A change from afternoon operating hours to morning hours;
 - B. This facility may close sometime in 1994 (RDSI, page 2).
 - J. The hours of operation are from 12:00 p.m. until 4:30 p.m., Monday through Saturday excepting New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day (RDSI, page 2). As of September 6, 1990, the site has a remaining capacity of 312,000 tons and is expected to close before the end of 1994 (RDSI, page 9). The operator shall notify the LEA and the California Integrated Waste Management Board (CIWMB) prior to changing the hours of operation.
2. The following agencies and documents condition the operation and use of this facility:
- A. Report of Disposal Site Information, Double Butte Sanitary Landfill, by Department of Waste Management, dated August 1992.
 - B. California Regional Water Quality Control Board-Santa Ana Region, Waste Discharge Requirements, Order 72-29, dated June 22, 1972 (RDSI, Appendix D).
 - C. California Regional Water Quality Control Board-Santa Ana Region, Monitoring and Reporting Program, Order 72- 29, dated August 3, 1981 (RDSI, Appendix D).
 - D. California Regional Water Quality Control Board-Santa Ana Region, Clean-up and Abatement Order No. 91-71, dated June 24, 1991.
 - E. Conditional Exemption from Rule 1150.1, South Coast Air Quality Management District, dated July 26, 1989 (RDSI, Appendix I).
 - F. Riverside County Planning Commission - Environmental Impact Report, EIR No. 2, accepted May 22, 1973. Riverside County Planning Department, Negative Declaration, Environmental Assessment No. 34033 -- Notice of Determination, filed September 19, 1989; Negative Declaration, Environmental Assessment No. 35526 -- Notice of Determination, filed January 17, 1991.

- G. Mitigation Monitoring and Implementation Schedule, E.A. # 35526, dated October 1990.
 - H. Stipulated Order of Compliance, dated October 4, 1991 - issued by the LEA.
 - I. County Ordinance 536, County Disposal and Transfer Site Regulations. This ordinance provides the Waste Disposal Engineer authority to refuse entry, have tested, and certify origin of questionable waste products.
 - J. Riverside County Land Use Ordinance No. 348, General Provisions Section 12.2.b(1), exempts public projects such as Sanitary Landfills from the Conditional Use Permit Process.
3. The following findings are required pursuant to Public Resources Code Sections 50000, 50000.5 and 44010:
- A. This permit is consistent with the County Solid Waste Management Plan (CoSWMP), dated October 1989.
 - B. This permit is consistent with the standards adopted by the CIWMB.
 - C. The County of Riverside, Department of Planning, has determined that the Double Butte Landfill is consistent with the County General Plan, dated October 9, 1990.
4. The design and operation of Double Butte Sanitary Landfill is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA on June 15, 1992.
5. Double Butte meets landfill perimeter clearance requirements and is annually inspected by the Riverside County Fire Authority (RDSI, Page 7, Appendix F).
6. The Riverside County Planning Department has made a finding that surrounding land use is compatible with the facility operation.
7. An Environmental Determination was filed with the State Clearinghouse (SCH No. 89062601) on July 27, 1989, for the waste diversion from Double Butte Landfill. An Environmental Determination was filed with the State Clearinghouse (SCH No. 90021034) on January 28, 1991.

CONDITIONS:

Requirements:

- 1. The Double Butte Sanitary Landfill must comply with State Minimum Standards for Solid Waste Handling and Disposal as stipulated in California Code of Regulations, Title 14, Chapter 3.
- 2. This facility must comply with all federal, state and local requirements and enactments, including all mitigation measures given in any certified environmental document filed pursuant to Public Resources Code, Section 21081.6.
- 3. Additional information must be provided as required by the LEA.

4. At the discretion of the LEA, landfill gas monitoring probes shall be installed for detection of gas migration. If needed, a gas control system shall be installed.
5. The operator shall maintain a copy of this Permit at the facility to be available at all times to facility personnel and to LEA personnel.

Prohibitions:

1. This facility shall not accept the following wastes for which it is not approved:
 - A. non-hazardous liquid wastes, containerized or not,
 - B. hazardous wastes,
 - C. construction and demolition wastes,
 - D. untreated medical wastes.
2. This facility shall not conduct any of the following activities:
 - A. burning of wastes,
 - B. scavenging,
 - C. salvaging,
 - D. allow standing water on filled surfaces.

Specifications:

1. Any change that would cause this facility not to conform to the terms or conditions of the permit is prohibited. Such a change would be considered a significant change and would require a permit revision.
2. This facility has a permitted daily capacity of 600 tons per operating day and shall not receive more than this amount without first obtaining a revision of the permit.
3. A change in the operator of this facility would require a new permit.
4. Special wastes are not received at this site on a routine basis (for instance, no non-hazardous contaminated soils were received in 1990). Any requests to discharge non-hazardous contaminated soils are reviewed by the Regional Water Quality Control Board, Hazardous Materials Branch and the LEA, prior to disposal. Special wastes, such as dead animals, are included in the permitted daily capacity of non-hazardous solid wastes mentioned in Specifications 2 above.

Provisions:

1. This permit is subject to review by the LEA and may be modified, suspended or revoked for sufficient cause after a hearing.

2. Any complaints pertaining to the facility received by its operator shall be forwarded to the LEA within one working day. This includes receipt of a notice of violation or notification of complaints about the facility received by other agencies.

Closure/Postclosure:

1. The operator shall submit a final closure and post-closure maintenance plan to the LEA two (2) years prior to the anticipated date of closure.
2. All documentation relating to the preparation of the closure and postclosure maintenance costs must be retained by the operator and shall be available for inspection by the CIWMB or the LEA at reasonable times.
3. Final Closure and postclosure plans for this landfill shall be submitted by December 31, 1992, which is two years prior to the anticipated date of closure.

Self-Monitoring:

The following items shall be monitored by the operator of this facility or his agent. Records including but not limited to these items shall be kept and made available to the LEA upon request:

1. Monthly monitoring of landfill gas migration at the perimeter and surface emissions shall be submitted to the LEA.
2. Quarterly groundwater quality monitoring shall be concurrently submitted to the LEA.
3. The operator shall maintain a record of total daily waste tonnage, also the number of vehicles entering the facility daily. The report shall be submitted to the LEA monthly.
4. The operator shall maintain a record of any cuts made to natural terrain where the fill has been placed and the depth to groundwater. This report shall be submitted to the LEA monthly.
5. The results of any programs created within the hazardous waste screening program shall be submitted to the LEA monthly.
6. Records of all incidents of unlawful disposal of prohibited materials and hazardous materials, the operator's actions and the final disposition of the materials shall be maintained and made available to the LEA.
7. The operator shall maintain a record of all complaints registered against the facility and any actions taken to resolve justified complaints.
8. The operator shall maintain a log of special occurrences. This log should include, but is not limited to, fires, injuries, property damage, accidents, explosions, discharge and disposition of hazardous or unpermitted wastes. The operator shall maintain this log at the facility so as to be available at all times to site personnel and to the LEA.